

## PATENT ABSTRACTS OF JAPAN

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(21)Application number : 04-299210 (71)Applicant : TAKASAKI JUNICHI

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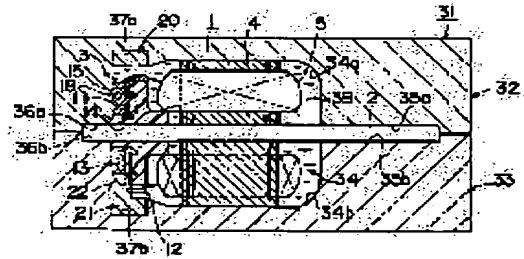
## (54) MOLDING METHOD FOR RESIN OF ROTOR

## (57)Abstract:

PURPOSE: To prevent resin from being filled in a slit of a flat commutator.

CONSTITUTION: A jig 20 is mounted on an outer periphery of a protective member 18 for constituting segments 11 of a flat commutator 3, and sealing pieces 22 of the jig 20 are respectively inserted into slits 13 of the member 18. Then, a rotor 1 in which the jig 20 is mounted is contained in a cavity 34, and resin 39 is charged in the cavity 34. Thus, a resin package is molded on the outer peripheries of the commutator 3 and an armature core 4 of the rotor 1.

In this manner, since the pieces 22 are inserted into the slits 13 in the case of molding the package, it prevents resin 39 from invading into the slits 13. As a result, wear of a brush by the resin in the slits 13 at the time of wearing the segments 11 can be prevented. On the other hand, the commutator 3 and an armature coil 5 can be protected by the package to suppress its resistance.



## LEGAL STATUS

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